



State of New Jersey

DEPARTMENT OF HEALTH AND SENIOR SERVICES

OFFICE OF THE STATE EPIDEMIOLOGIST

PO BOX 369

TRENTON, N.J. 08625-0369

www.nj.gov/health

JON S. CORZINE
Governor

FRED M. JACOBS, M.D., J.D.
Commissioner

NJDHSS Communicable Disease Service Weekly

Statewide Influenza Activity Summary

Week Ending January 27, 2006

Influenza level of activity: "SPORADIC ACTIVITY"

From September 20, 2005, to date, 772 unique clinical specimens have been tested by the New Jersey Public Health and Environmental Laboratory and NJ clinical laboratories participating in the World Health Organization and National Respiratory and Enteric Virus Surveillance System*. What follows is a summary of culture-confirmed cases of influenza identified through testing performed by these laboratories for the week ending January 27, 2006:

- Number of influenza A culture confirmed cases: 18
- Number of influenza B culture confirmed cases: 1

This is the eighteenth week of the 2005-06 influenza season in New Jersey. The NJDHSS Communicable Disease Service has not been notified of any influenza outbreak or increased activity in any health care facilities, nursing homes or schools throughout the state.

This week, the influenza-like illness (ILI) rate from emergency department visits and school absenteeism rate shows a slight decrease 5.22% and 4.22% respectively, while nursing home rate remains within the same baseline 1.22% as last week.

Hospital laboratory surveillance for respiratory syncytial virus (RSV) shows a slight increase in the number of tests performed and the number of positives. The monthly RSV report showed the expected increase in both numbers. Overall, this week's surveillance parameter shows a lower level of activity when compared with the same period last season.

A few of the county percentage parameters showed figures well above the total average (see 24Jan.06pdf Table) but should not be interpreted as an increased level of activity since the denominator of reporting entities is very small.

From the analysis of all data collected this week from the ILI surveillance system, the level of influenza activity in the state of New Jersey remains at a level of

“SPORADIC ACTIVITY”. This level of activity is comparable with the same period last season.

According to the CDC’s latest influenza weekly activity level report for week 3 (January 15– January 21, 2006) influenza activity has remained stable in recent weeks in the United States. The proportion of deaths attributed to pneumonia and influenza was below the baseline level. Five states reported widespread influenza activity; 23 states and New York City reported regional influenza activity; 9 states and the District of Columbia reported local influenza activity; and 13 states including New Jersey reported sporadic influenza activity. For more information go to: <http://www.cdc.gov/flu/>

Influenza virus infection itself is not a clinical or laboratory reportable disease in New Jersey according to N.J.A.C. 8:57-1. Accordingly, activity levels must be extrapolated from weekly monitoring activities of healthcare facilities and providers dispersed around the state.

Avian flu WHO update:

The Ministry of Health in China, has confirmed the country's tenth case of human infection with the H5N1 avian influenza virus in a 29-year-old woman from Chengdu City. Of the ten cases confirmed, seven have been fatal. Overall, the cumulative number of laboratory-confirmed human cases of Avian influenza A/(H5N1) reported to WHO stands at 152 including 83 deaths. WHO has released traveling guidelines to and from countries experiencing outbreaks in H5N1 Avian influenza. For more information go to: <http://www.who.int/csr/disease/influenza/en/>

*The laboratories conduct testing of pre-season isolates and the first isolates of the season. These isolates can provide information regarding circulating strains and information necessary for the vaccine formulation for the following year’s flu season. Also test results from representative samples collected during peak influenza activity late in the season, and after a major influenza outbreak, may identify new variants that are just beginning to circulate in the community, helping to inform vaccine formulations for the following year.

References and Resources:

- To obtain previous ILI reports: <http://nj.gov/health/fluinfo/index.html>
- <http://www.nj.gov/health/flu/preventflu.shtml>
- <http://www.cdc.gov/flu/>
- <http://www.who.int/csr/disease/influenza/en/>
- <http://www.cdc.gov/mmwr/>